

FIG. 1

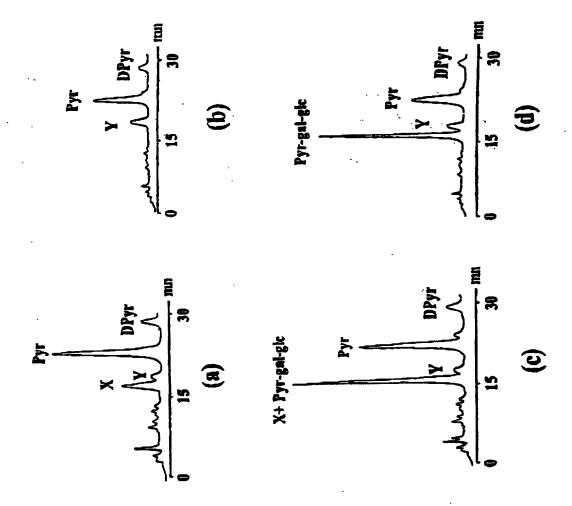


FIG. 3

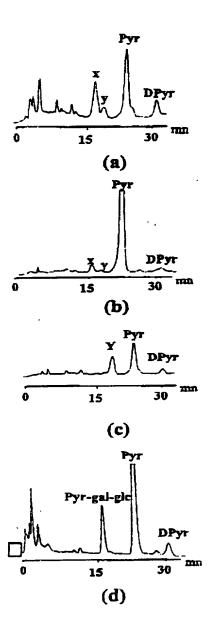
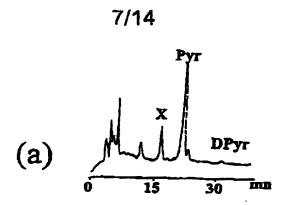


FIG. 4

Hydrolysis time	time	5 hours	10 hours	15 hours	20 hours
Tissue:					
Bone	1	i	1	,	1
	2		1		•
Synovial	1	105%	94%	54%	37%
	7	72%	%95	64%	24%
Cartilage	-	%9	2%	1%	1%
	2	4%	2%	2%	1%

Hydrolysis time	time	5 hours	10 hours	15 hours	20 hours
Tissue:					
Bone	-	%95	33%	28%	24%
	7	%55%	44%	34%	29%
Synovial	1	16%	12%	12%	12%
	7	%6	10%	%6	%6
Cartilage	1	ı	t	ı	1
	7	1	t	1	1





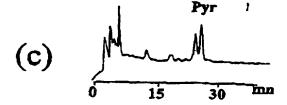
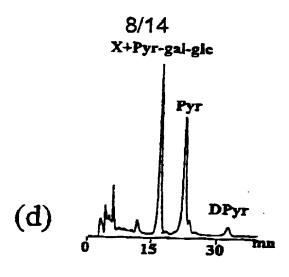
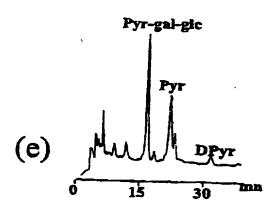
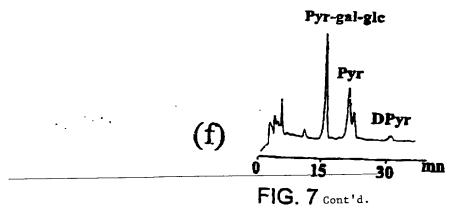


FIG. 7.

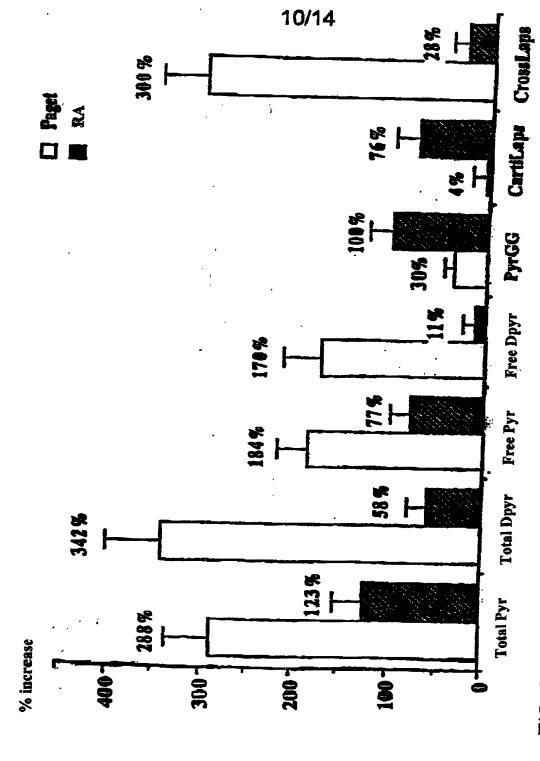






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* Statistical significance (Anova) p < 0.05 of the difference compared with control group.



2. 60

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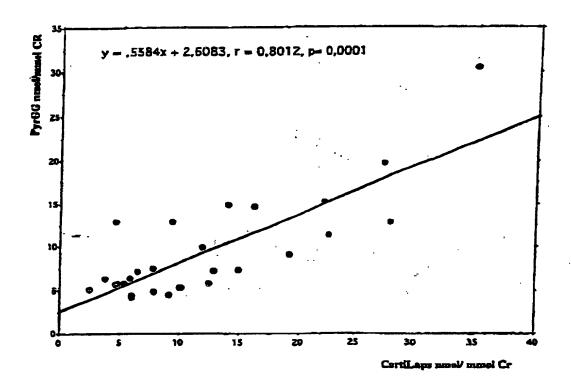


FIG. 10

	u	Pyr-Gal-Glc	CartiLaps
		(nmole/mmole Cr)	(nmole/mmole Cr)
Controls	40	4.7 ± 1.4	6.9 ± 2.2
Rheumatoid arthritis (RA)	27	9.6 ± 5.9*	12.4 ± 8.5*
Destructive RA	12	12.2 ± 7.4*	16.5 ± 10.0*
Non destructive RA	15	7.5±3.2*	9.2 ± 5.4**

* Statistical significance (T-test) p < 0.001 ** Stati

** Statistical significance (T-Test) p < 0.05

Tibio-femoral space	-0.50*
Womac	0.50*
Lequesne	0.42*
	Pyr-Gal-Glc

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	Narrowing	Narrowing of joint line Bone erosion	Bone	rosion	Total	Total score
Progression	YES (n=27)	NO (n=84)	YES (n=41)	NO (n=70)	YES (n=54)	NO (n=57)
Urinary Pyr-Gal-Gic (nmole/nmole creatinine)	8 .8	7.2	9.34	6.5	% ** **	6.3

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Statistical significance of difference compared with group with no progress * p=0.03; ** p=0.05